

**APPENDIX**

6. (Currently Amended) A method for producing a diagnostic report for a program, comprising the steps of:

accessing a log file comprising a list of stack traces and respective tags at associated points during execution of the program and comprising [one or more of the recorded as] one or more marked tags; and  
producing the diagnostic report based on the log file.

22. (Currently Amended) The computer-readable medium according to claim [18] 17, wherein the step of producing the report include:

processing the log file from the end backward until the beginning.